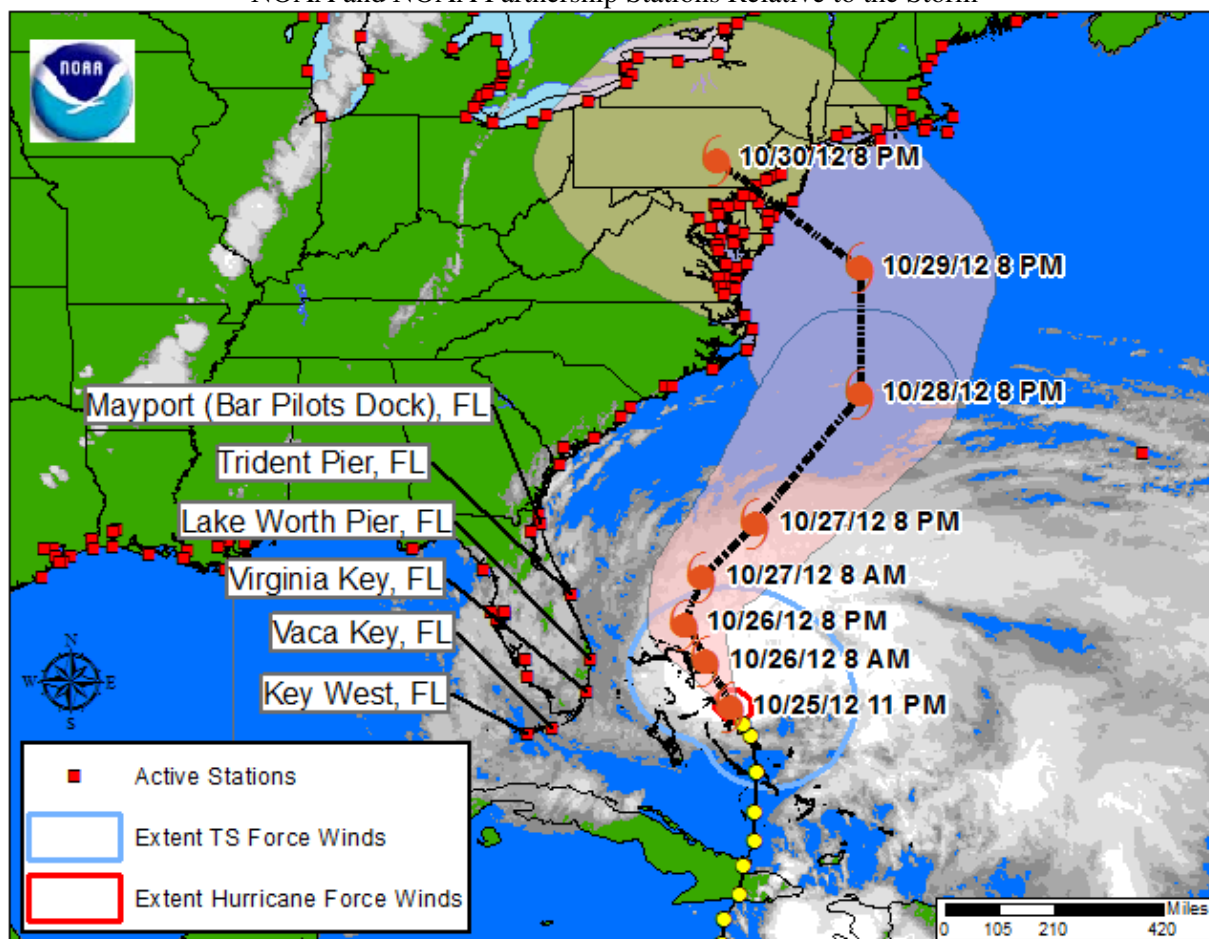




Hurricane SANDY QuickLook
Posted: 00:00 EDT 10/26/2012

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/26/2012 00:00 EDT, water levels from the Florida Keys to northern Florida are slightly elevated and range between 0.5 and 1.0 feet above tidal predictions. Winds range from 15 to 30 knots, with gusts up to 35 knots. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Vaca Key, FL: Next predicted high tides are 1.0 ft (0.31 m) at 10/26/2012 00:38 EDT and 1.0 ft (0.31 m) at 10/26/2012 13:19 EDT.

Virginia Key, FL: Next predicted high tides are 2.6 ft (0.80 m) at 10/26/2012 07:10 EDT and 2.6 ft (0.80 m) at 10/26/2012 19:23 EDT.

Hurricane SANDY QuickLook, POSTED 00:00 EDT 10/26/2012

Lake Worth Pier, FL: Next predicted high tides are 3.4 ft (1.04 m) at 10/26/2012 06:21 EDT and 3.2 ft (1.00 m) at 10/26/2012 18:34 EDT.

Trident Pier, FL: Next predicted high tides are 4.2 ft (1.29 m) at 10/26/2012 06:01 EDT and 3.9 ft (1.21 m) at 10/26/2012 18:15 EDT.

Mayport (Bar Pilots Dock), FL: Next predicted high tides are 5.6 ft (1.69 m) at 10/26/2012 06:54 EDT and 5.3 ft (1.63 m) at 10/26/2012 19:15 EDT.

Key West, FL: Next predicted high tides are 1.9 ft (0.57 m) at 10/26/2012 08:38 EDT and 2.1 ft (0.64 m) at 10/26/2012 20:37 EDT.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For information on Highest Astronomical Tide (HAT), NAVD88 and other datums, please see [Tidal Datums](#). For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst:CMF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE SANDY ADVISORY NUMBER 15
1100 PM EDT THU OCT 25 2012

...CENTER OF SANDY PASSING NEAR ELEUTHERA ISLAND IN THE NORTHWESTERN
BAHAMAS...

WATCHES AND WARNINGS

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

- * FLORIDA EAST COAST FROM OCEAN REEF TO FLAGLER BEACH
- * LAKE OKEECHOBEE

A TROPICAL STORM WATCH IS IN EFFECT FOR...

- * FLORIDA EAST COAST FROM NORTH OF FLAGLER BEACH TO FERNANDINA BEACH
- * FLORIDA UPPER KEYS FROM OCEAN REEF TO CRAIG KEY
- * FLORIDA BAY

INTERESTS ELSEWHERE ALONG THE EAST COAST OF THE UNITED STATES SHOULD
MONITOR THE PROGRESS OF SANDY. WATCHES AND WARNINGS WILL LIKELY BE
REQUIRED FOR PORTIONS OF THIS AREA EARLY FRIDAY MORNING.

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED
SOMEWHERE WITHIN THE WARNING AREA.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE
WITHIN THE WATCH AREA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA IN THE UNITED STATES...INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS...PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

AT 1100 PM EDT THE CENTER OF HURRICANE SANDY WAS LOCATED ABOUT 15 MI NNE OF ELEUTHERA ISLAND OR ABOUT 185 MI ESE OF FREEPORT GRAND BAHAMA ISLAND. SANDY IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 13 MPH. A TURN TOWARD THE NORTHWEST AND A DECREASE IN FORWARD SPEED ARE EXPECTED TONIGHT AND FRIDAY...FOLLOWED BY A TURN BACK TOWARD THE NORTH AND NORTHEAST FRIDAY NIGHT AND SATURDAY. ON THE FORECAST TRACK...THE CENTER OF SANDY WILL CONTINUE MOVING NEAR OR OVER THE NORTHWESTERN BAHAMAS TONIGHT AND FRIDAY.

REPORTS FROM A NOAA HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 90 MPH WITH HIGHER GUSTS. SANDY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON HURRICANE WIND SCALE. SOME ADDITIONAL WEAKENING IS FORECAST DURING THE NEXT 48 HOURS...BUT SANDY IS EXPECTED TO REMAIN A HURRICANE DURING THIS TIME.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 230 MILES. THE NOAA AUTOMATED STATION AT SETTLEMENT POINT ON GRAND BAHAMA ISLAND RECENTLY REPORTED 2-MINUTE MEAN WINDS OF 41 MPH AND A WIND GUST OF 48 MPH.

THE MINIMUM CENTRAL PRESSURE ESTIMATED FROM THE HURRICANE HUNTER AIRCRAFT DATA IS 968 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED TO SPREAD NORTHWARD IN THE WARNING AREA ALONG THE EAST COAST OF FLORIDA THIS EVENING THROUGH FRIDAY. TROPICAL STORM CONDITIONS ARE POSSIBLE IN THE WATCH AREA FRIDAY THROUGH SATURDAY.

RAINFALL...SANDY IS EXPECTED TO PRODUCE TOTAL RAINFALL AMOUNTS OF 1 TO 3 INCHES ARE POSSIBLE ACROSS THE FLORIDA KEYS INTO SOUTHEAST AND EAST-CENTRAL FLORIDA...WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES POSSIBLE.

STORM SURGE...THE COMBINATION OF A DANGEROUS STORM SURGE AND THE TIDE WILL CAUSE NORMALLY DRY AREAS NEAR THE COAST TO BE FLOODED BY RISING WATERS. THE WATER COULD REACH THE FOLLOWING DEPTHS ABOVE GROUND IF THE PEAK SURGE OCCURS AT THE TIME OF HIGH TIDE...

FLORIDA COAST WITHIN WARNING AREA...1 TO 3 FT

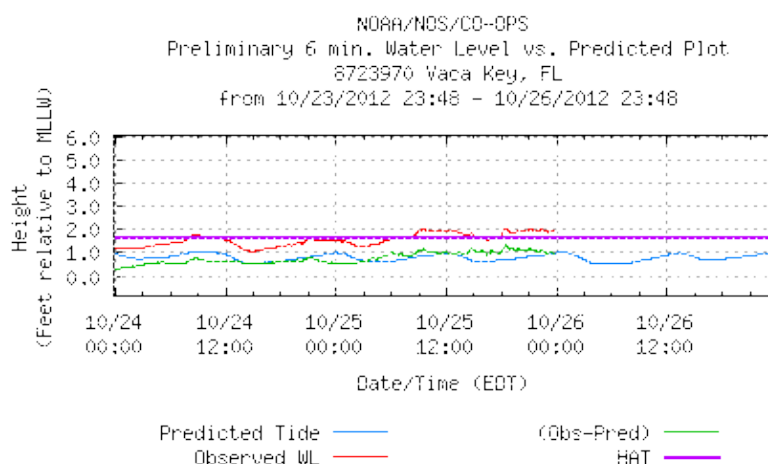
SURGE-RELATED FLOODING DEPENDS ON THE RELATIVE TIMING OF THE SURGE AND THE TIDAL CYCLE...AND CAN VARY GREATLY OVER SHORT DISTANCES. FOR INFORMATION SPECIFIC TO YOUR AREA...PLEASE SEE PRODUCTS ISSUED BY YOUR LOCAL WEATHER OFFICE.

FORECASTER BEVEN

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Vaca Key - Water Level](#), [Vaca Key - Winds](#), [Vaca Key - Barometric](#), [Virginia Key - Water Level](#), [Virginia Key - Winds](#), [Virginia Key - Barometric](#), [Lake Worth Pier - Water Level](#), [Lake Worth Pier - Winds](#), [Lake Worth Pier - Barometric](#), [Trident Pier - Water Level](#), [Trident Pier - Winds](#), [Trident Pier - Barometric](#), [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Key West - Water Level](#), [Key West - Barometric](#),

Vaca Key, FL - Return to List

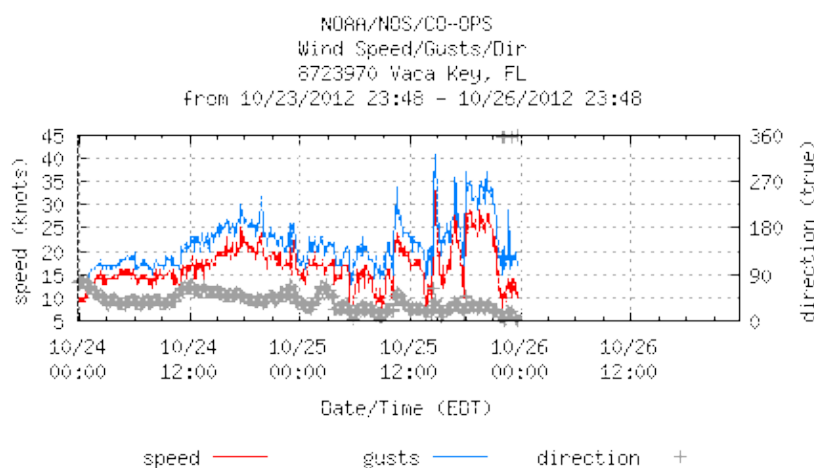


Last Observed Sample: 10/25/2012 23:42 (EDT)

Relative to MLLW: **Observed: 1.94 ft.** **Predicted: 0.98 ft.** **Residual: 0.96 ft.**

Historical Maximum Water Level: Oct 24 2005, 5.8 ft. above MHHW

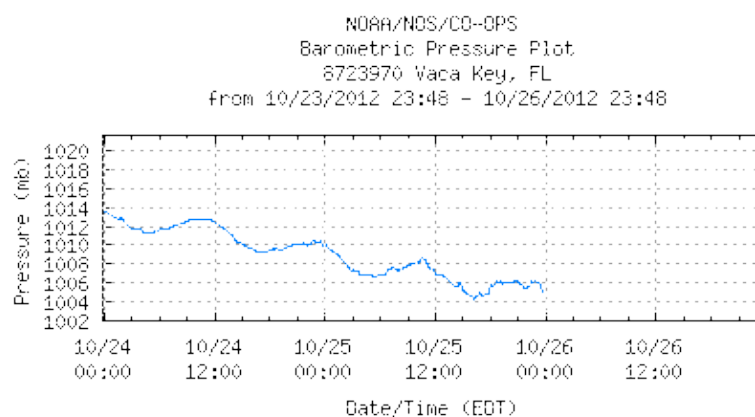
Vaca Key, FL - Return to List



Last Observed Sample: 10/25/2012 23:42 (EDT)

Wind Speed: 11 knots **Gusts: 17 knots** **Direction: 1° T**

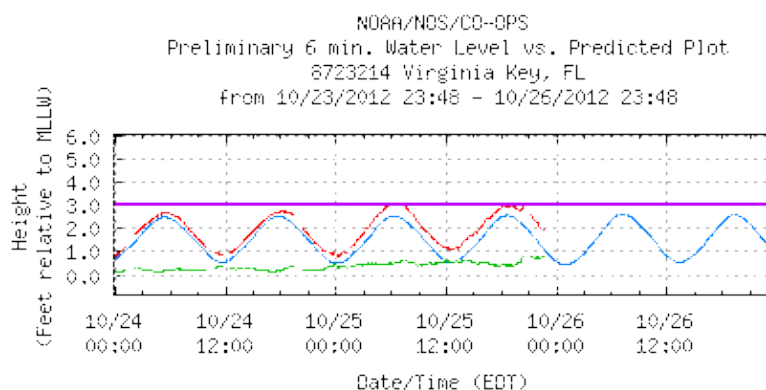
Vaca Key, FL - Return to List



Last Observed Sample: 10/25/2012 23:42 (EDT)

Barometric Pressure: 1005.0 mb

Virginia Key, FL - Return to List

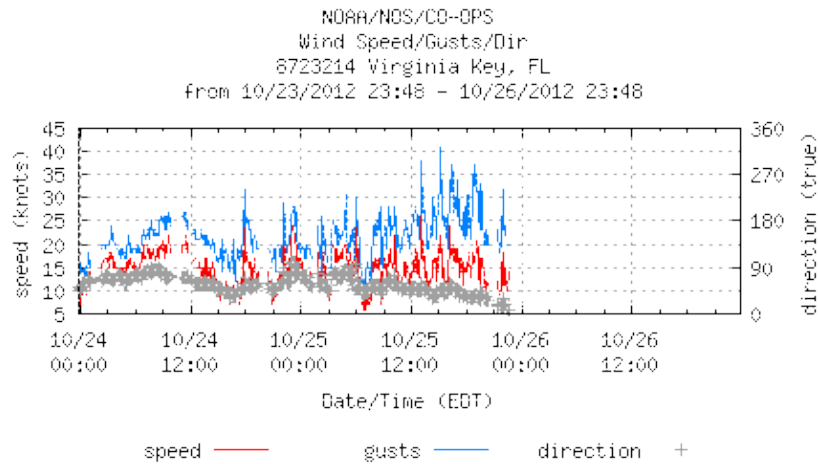


Last Observed Sample: 10/25/2012 22:36 (EDT)

Relative to MLLW: Observed: 1.91 ft. Predicted: 1.13 ft. Residual: 0.78 ft.

Historical Maximum Water Level: Oct 24 2005, 2.58 ft. above MHHW

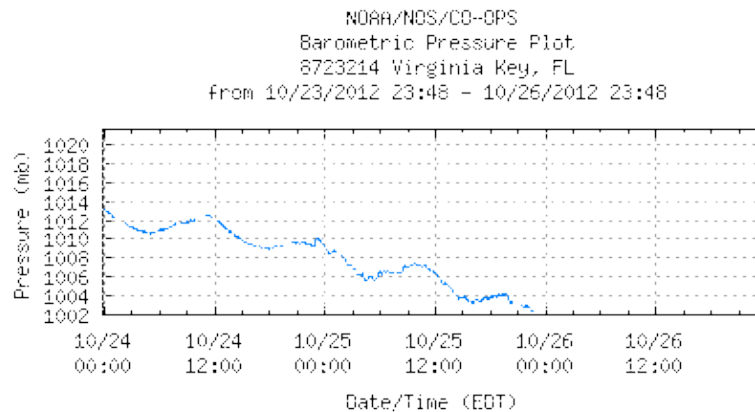
Virginia Key, FL - Return to List



Last Observed Sample: 10/25/2012 22:36 (EDT)

Wind Speed: 14 knots Gusts: 20 knots Direction: 9° T

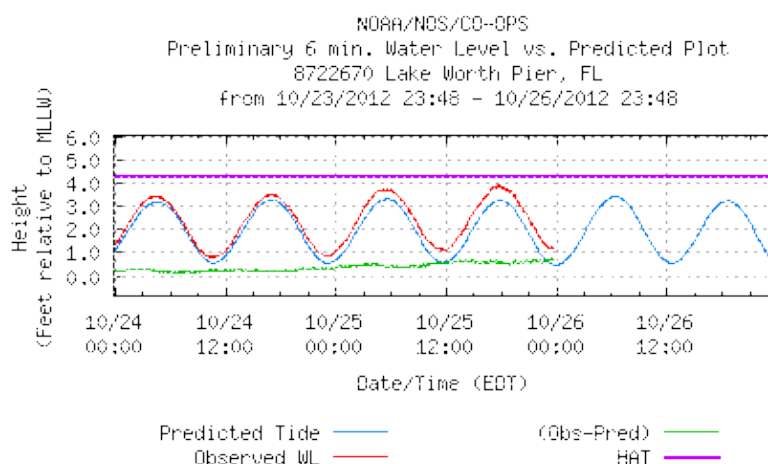
Virginia Key, FL - Return to List



Last Observed Sample: 10/25/2012 22:36 (EDT)

Barometric Pressure: 1002.4 mb

Lake Worth Pier, FL - Return to List

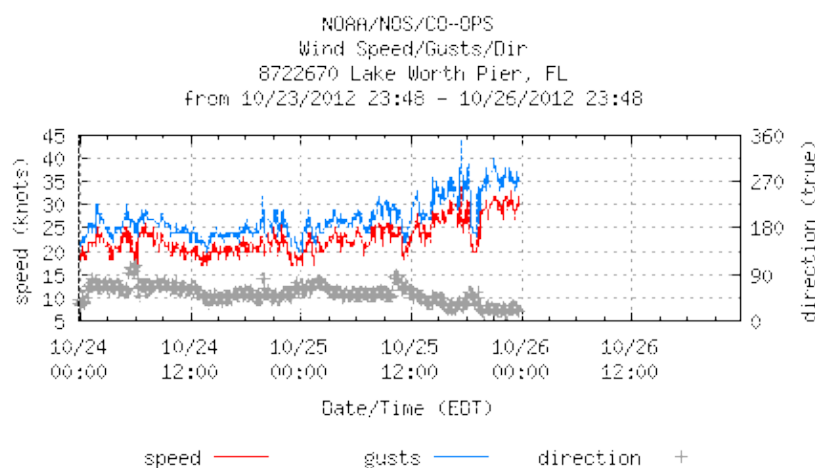


Last Observed Sample: 10/25/2012 23:42 (EDT)

Relative to MLLW: **Observed: 1.16 ft.** **Predicted: 0.48 ft.** **Residual: 0.68 ft.**

Historical Maximum Water Level: Nov 23 1984, 1.88 ft. above MHHW

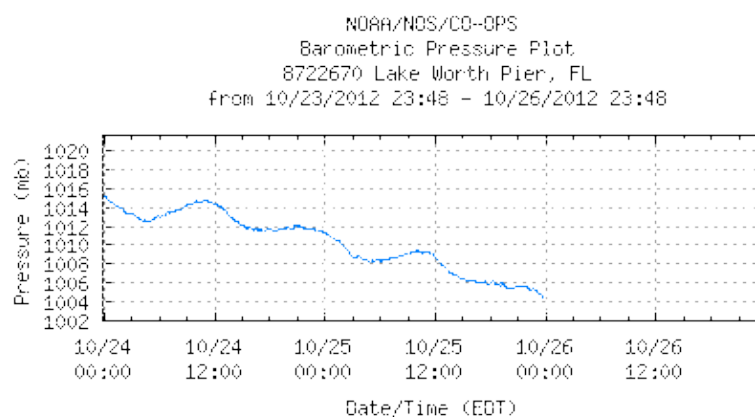
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/25/2012 23:42 (EDT)

Wind Speed: 32 knots **Gusts: 36 knots** **Direction: 18° T**

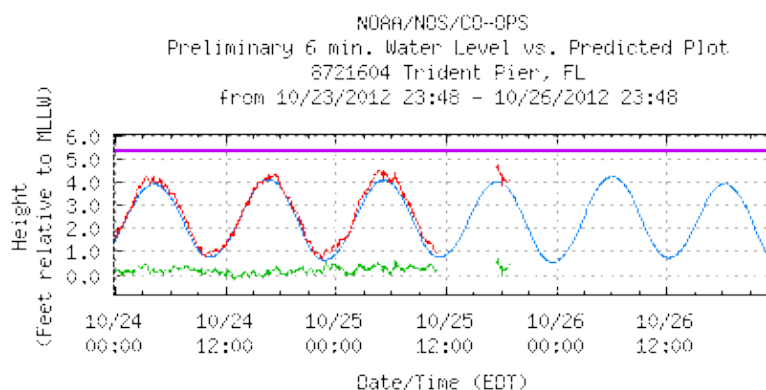
Lake Worth Pier, FL - Return to List



Last Observed Sample: 10/25/2012 23:42 (EDT)

Barometric Pressure: 1004.4 mb

Trident Pier, FL - Return to List

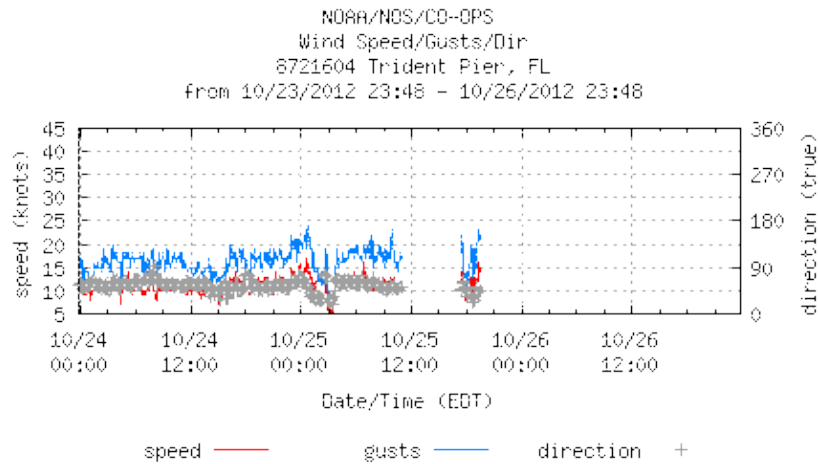


Last Observed Sample: 10/25/2012 18:54 (EDT)

Relative to MLLW: Observed: 4.06 ft. Predicted: 3.62 ft. Residual: 0.44 ft.

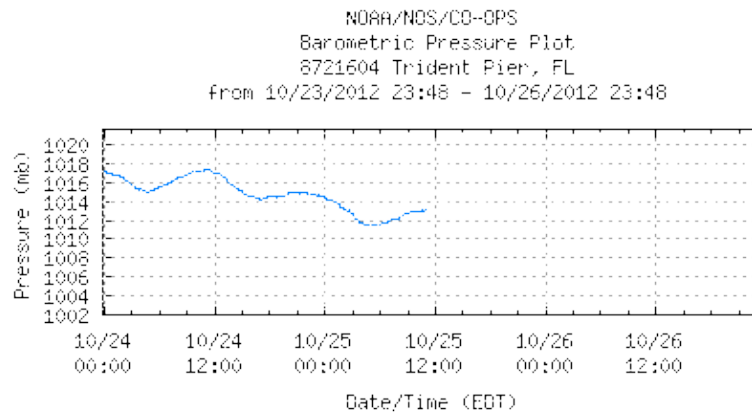
Historical Maximum Water Level: Sep 26 2004, 4.01 ft. above MHHW

Trident Pier, FL - Return to List



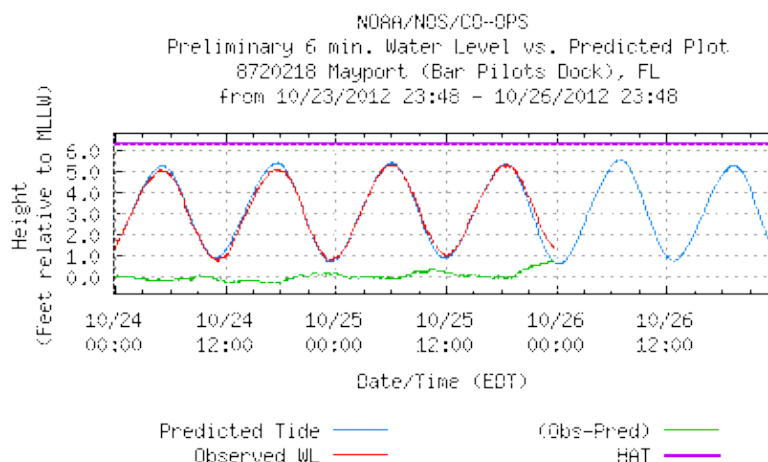
Last Observed Sample: 10/25/2012 19:24 (EDT)
Wind Speed: 14 knots Gusts: 21 knots Direction: 46° T

Trident Pier, FL - Return to List



Last Observed Sample: 10/25/2012 10:54 (EDT)
Barometric Pressure: 1013.1 mb

Mayport (Bar Pilots Dock), FL - Return to List

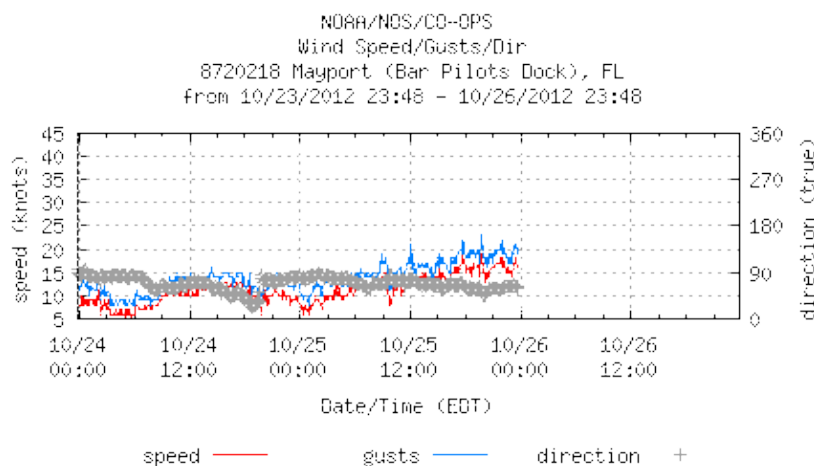


Last Observed Sample: 10/25/2012 23:42 (EDT)

Relative to MLLW: **Observed: 1.35 ft.** **Predicted: 0.69 ft.** **Residual: 0.66 ft.**

Historical Maximum Water Level: Sep 27 2004, 2.47 ft. above MHHW

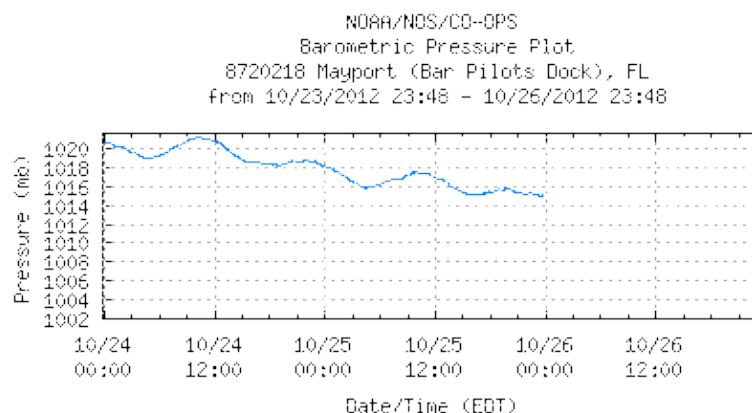
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/25/2012 23:42 (EDT)

Wind Speed: 16 knots **Gusts: 19 knots** **Direction: 62° T**

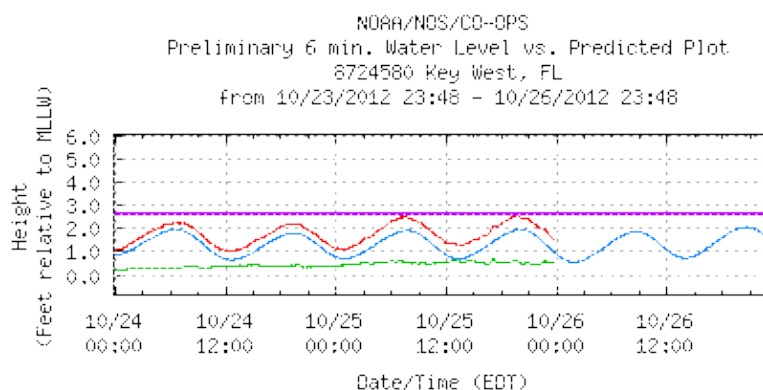
Mayport (Bar Pilots Dock), FL - Return to List



Last Observed Sample: 10/25/2012 23:42 (EDT)

Barometric Pressure: 1015.0 mb

Key West, FL - Return to List

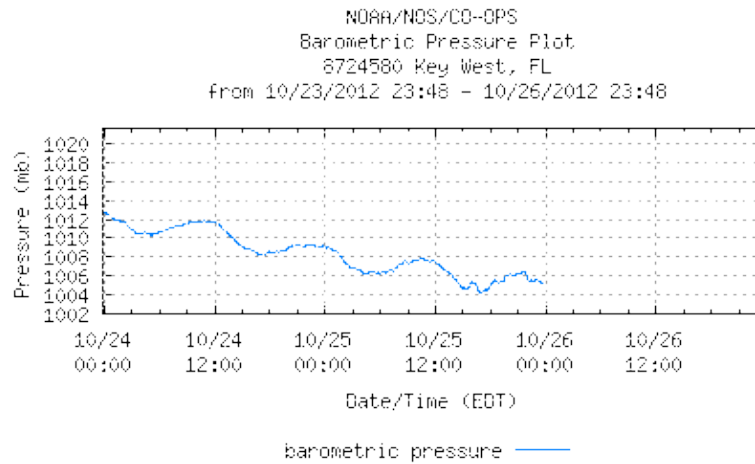


Last Observed Sample: 10/25/2012 23:42 (EDT)

Relative to MLLW: **Observed: 1.53 ft.** **Predicted: 0.98 ft.** **Residual: 0.55 ft.**

Historical Maximum Water Level: Oct 24 2005, 3.14 ft. above MHHW

[Key West, FL - Return to List](#)



Last Observed Sample: 10/25/2012 23:42 (EDT)

Barometric Pressure: 1005.1 mb

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National Oceanic and Atmospheric Administration | U.S. Department of Commerce